

FEDOSYUK, L.G.; STARKOV, S.P.; ZAKHAROVA, D.K.; BATURINA, Ye.N.

Sec, pentylphenols. Met. poluch. khim. reak. i prepar.
no.6:89-91 '62. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osoboi chistykh khimicheskikh veshchestv, Donetskii
filial.

STARKOV, S.P.; FEDOSYUK, L.G.; ZAKHAROVA, D.K.; BATURINA, Ye.N.

Ion exchange resins as catalysts in organic synthesis. Part 1:
Alkylation of phenol with a mixture of n-amylenes in the presence
of the cation exchanger KU-2. Zhur.ob.khim. 33 no.7:2237-2238
Jl '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osobu chistykh khimicheskikh veshchestv, Donetskii
filial.

(Phenols) (Alkylation) (Ion exchange resins)

BITKINA, L.N.; FEDOSYUK, R.Ya.; LOBKO, M.A.; MIKERINA, N.Ya.; GLUKHOVTSEVA,
Z.N.; ROMANOVA, R.G.; VIL'SHANSKAYA, F.L.; MATVEYEVA, V.N.;
YAMPOL'SKAYA, V.A.; VARSHAVSKIY, E.I.

Outbreak of salmonellosis. Zhur. mikrobiol. epid. i immun. 31 no.2:
99-100 D '60. (MIRA 14:6)

(SALMONELLA)

GLYAZER, Hugo [Glaser, Hugo], prof.; FEDOSYUK, Yu.A. [translator];
SHILINIS, Yu.A., kand. med. nauk; LYUDKOVSKAYA, N.I., tekhn.
red.

[Basic traits of contemporary medicine] Osnovnye cherty sovremennoi
meditsiny. 2. izd. Moakva, Medgiz, 1962. 159 p. Translated from
the German. (MIR 15:12)

(MEDICINE)

FEDOTCHEV, I.Y.

Some problems in the theory of medicine. Vrach.delo no.6:641
Je '58 (MIRA 11:7)

1. Rovenskaya zhelnodorozhnaya bol'nitsa.
(IMMUNITY)

FEDOTCHEV, I.F.

Case of removal of a needle from the heart. Grud. khir. 3 no.2:
99-100 '61. (MIRA 14:4)
(HEART--FOREIGN BODIES)

BOGIN, Yu.N.; YUDINA, I.I.; FEDOTCHEVI, N.V.

Conservative method for treating ureteral calculi by interference-impulse therapy. Urologia no.6:48-49 N-D '63.
(MIRA 17:9)

1. Iz TSentral'noy klinicheskoy bol'nitsy Ministerstva putey
soobshcheniya.

BORODINO, Leonid Stepanovich; TSARITSYN, V., prof., retsenzent;
FEDOTENKO, A., retsenzent; AFONINA, G.P., red.

[Mining machinery; manual for practical work] Gornye ma-
shiny; posobie dlia prakticheskikh zaniatii. Kiev, Tekh-
nika, 1964. 175 p. (MIRA 18:3)

FEDOTENKO, F. S., Engineer

"Influence of Variation in the Volume of the Turnover Chamber at Constant Compression Ratio on the Performance of a Four-Stroke Engine." Thesis for degree of Cand Technical Sci Sub 17 Jun 50, State Sci Res Order of Labor Red Banner Automobile and Automotive Inst

Summary 71, 4 Sept 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva. Jan-Dec 1950.

FEDOTENKO, F.S., kandidat tekhnicheskikh nauk.

Effect of the direction of fuel spray on engine function. Avt.
i trakt. prom. no.7:27-30 J1 '56. (MLRA 9:10)

1. Nauchno-issledovatel'skiy avtomotornyy institut.
(Automobiles--Engines)

PEDOTENKO, P.S., kandidat tekhnicheskikh nauk; LICHENKOV, I.M.

Shapes of connecting channels of turbulence combustion chambers.
Avt.i trakt.prom. no.4:19-22 Ap '57. (MLRA 10:5)

1. Nauchno-issledovatel'skiy avtomotornyy institut.
(Automobiles--Engines)

113-58-6-8/16

AUTHOR: Fedotenko, E.S., Candidate of Technical Sciences and
Lichenkov, I.M.

TITLE: The Characteristics of a Compression Ignition Engine with
Different Methods of Fuel-Air Mixing (Pokazateli dvigatelya s
vosplameneniyem ot zhatiya pri raznykh sposobakh smese-
obrazovaniya)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 6, pp 22-26 (USSR)

ABSTRACT: Contemporary compression ignition automobile engines have
various methods of fuel-air mixing. No ideal method has yet
been found. In the NAMI laboratory, different methods of fuel-
air mixing were tested on an experimental one-cylinder set-up.
Basic criteria for this experiment were indicators of economy
and power, the smoothness of the combustion process, the volume
of maximal pressure of combustion, etc. Research with the
turbulence chamber was conducted with different shaped connect-
ing channels for every given mixing method. When the carburetion
process was changed, the cylinder-head and the piston were also
changed. The authors give a detailed description of these ex-
periments and present graphic tables of the results of numerous

Card 1/2

113-58-6-A/16

The Characteristics of a Compression Ignition Engine with Different Methods
of Fuel-Air Mixing

experiments.

There are 4 graphs, 6 tables, 4 figures and 1 Soviet referende.

ASSOCIATION: (NAMI)

Card 2/2 1. Automobile industry--USSR 2. Ignition systems--Characteristics

SOV/113-58-11-16/16

AUTHORS: Kurov, B.A., Fedotenko, P.S., Khanin, N.S., Candidates of
Technical Sciences

TITLE: Book Review and Bibliography (Kritika i bibliografiya)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 11, pp 46 - 48,
(USSR)

ABSTRACT: The article reviews the first volume of the book "Dvigateli
vnutrennego sgoraniya (Internal Combustion Engines)" by
A.S. Orlin, D.N. Vyrubov, G.G. Kalish and other authors,
second edition published by Mashgiz 1957 in Moscow.

ASSOCIATION: NAMI

1. Internal combustion engines 2. Literature

Card 1/1

FEDOTENKO, N.

Criticism helped. NYO 4 no.10:4 O '62.

(MIRA 15:9)

1. Zamestitel' predsedatelya smotrovoj komissii TSentral'nogo
pravleniya Nauchno-tekhnicheskikh obshchestv mashinostroitel'noy
promyshlennosti.

(Industrial equipment—Technological innovations)

FEDOTENKO, N.

Recommendations of specialists should be carried out. MTC 5 no.10:
31-34 0 '69. (MIRA 17:1)

1. Zamestitel' predsedatelya TSentral'nogo pravleniya Nauchno-tehnicheskogo obshchestva mashinostroitel'noy promyshlennosti.

POPOV, Ye.P.; PUDOTENKO, N.M.

Emulsifier used for preparing emulsions. Rats. i izobr. predl. v
stroj. no. 5:26-27 '58. (MIRA 11:6)

1. Trest Mosotdelstroy No.2 Glavmosstroya, Moskva, Moshayskoye
shosse, d. 28/34.
(Emulsions)

FEDOTENKO, N.S., inzhener.

Conference on hardening techniques in the German Democratic Republic. Metalloved.i obr.met. no.5:48-52 My '56. (MLRA 9:8)

1. Zavod "Trezor".
(Germany, West--Steel--Heat treatment)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272C

FEDOTENKO, N.S.

SHIPS & BOATS INFORMATION

807/2958

Ship: Soviet Submarine Transporter for P.D. Submarines
Type: Ship: Soviet Submarine Transporter for P.D. Submarines
Name: Project 18110
Country: Russia, Moscow, 1976. 200 ft. 12,000 engine power.
Ammunition: Synthetic fiber. Contains two gas-turbine engines with a total
power of 15,000 horsepower.

Dimensions: L: 200 ft. W: 26 ft. D: 10 ft. 10 in.
Crew: 100
Fuel: Diesel
Water: Freshwater
Food: Freshwater
Communication: Radio, Radar, Sonar, Navigation, etc.
Armament: None

Function: Used for engineering and technical planning.

Notes: Used to transport submarine launching platforms.

Comments: The hull of the ship is made of a composite of materials, able to withstand
the impact of nuclear explosion. In the bow section of the hull, there is a
large cylindrical compartment with the dimensions of medium-size ships of displacement.
The hull has two horizontal levels and with the use of their lifting elements,
submarine hulls can be transported at one time. The structure of
the hull is particularly strong, able to withstand the impact of the
explosion. The hull is thoroughly strengthened, and a great deal of the material
is used in structural form. Among the problems dealt with are the reduction
of weight, the introduction of the submarine's control of hull
construction, equipment with fully automated tool manufacture, and the
use of modern methods of construction. There are various facilities
on board, including a workshop for the repair of different lifting elements,
a workshop for welding, a workshop for the repair of equipment and
other facilities. The article describes the hull of the submarine and
its construction held in the Scientific and Technical Research
Center "Sud" in Moscow.

807/2958
Ship: Soviet Transporter for the Use of High-Priority Ordnance
in Nuclear Warfare
Type: Ship: Soviet Transporter for the Use of High-Priority Ordnance
Name: Project 18110
Country: Russia, Moscow
Dimensions: L: 200 ft. W: 26 ft. D: 10 ft. 10 in.
Crew: 100
Fuel: Diesel
Water: Freshwater
Food: Freshwater
Communication: Radio, Radar, Sonar, Navigation, etc.
Armament: None

Comments: Ministry of Defense
Overall: 67%

FEDOSENKO, N.S.

AUTHORS: Mitin, V.I., and Aristov, I.A., Engineers SOV-117-58-4-20/21

TITLE: 4th Plenary Session of TsP NTO Mashprom (IV plenum TsP NTO Mash-proma)

PERIODICAL: 'Mashinostroitel', 1958, Nr 4, pp 45-47 (USSR)

ABSTRACT: The Plenary Session of the Central Board of the Scientific-Technical Society of the Machine-building Industry was convened in January 1958. Central Board Chairman, D.A. Ryzhkov, opened the session with his report, "The Objectives of NTO Mashprom". Assistant Central Board Chairman, N.S. Fedotenko, delivered a report "On the Thematic and Financial 1958 Plan of NTO MASH-prom". The following NTO members from different towns participated in the general discussions: B.S. Mordvinov (Omsk); P.P. Berg, Chairman of Vsesoyuznaya sektsiya liteyshchikov (All-Union Foundry Workers Section); I.G. Fofanov, Chairman of Vsesoyuznaya sektsiya ekonomiki i organizatsii proizvodstva (All-Union Section for Economics and Production Organization); A.B. Gol'denberg (Ufa); K.V. Lyubavskiy, Chairman of Vsesoyuznaya sektsiya svarochnogo proizvodstva (All-Union Section of Welding Industry); B.G. Yegerman, Director of Obshchens'vensky Universitet (Public University); G.S. Strizhanov (Perm'); P.V. Chernogorov (Chelyabinsk); V.P.

Card 1/2

4th Plenary Session of TEP NTO Mashprom

SOV-117-56-4-20/21

Chenobrovkin (Head of the Foundry Section of Sverdlovsk NTO);
B.D. Groznov (Kiev); S.S. Chetverikov (Chairman of the All-Union Section of Mechanica Engineering and Assembling);
I.A. Aristov; F.N. Tovadze; S.A. Vorob'yev; N.O. Okerblom;
S.S. Zaslavskiy. The following reports were also heard: "News in Technology of Prefabricating Shops of Plants" by Doctor of Technical Sciences D.P. Ivanov; "News in Machinebuilding Technology of USSR" by Engineer I.G. Fofanov; "Mineral Ceramics and Their Prospective Applications in Machinebuilding" by Professor S.S. Chetverikov. The session approved the thematic and financial plan for 1951.

1. Machines—USSR

Card 2/2

FEDOTENKO, N.

"Promoters of science and advanced experience" by K.M. Stepanov.
Reviewed by N.Fedotenko. MTO no.2:63 F '59. (MIRA 12:2)

I. Zamestritel' predsedatelya TS intral'nogo pravleniya nauchno-
tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti.
(Research, Industrial) (Stepanov, K.M.)

25(3)

SOV/117-59-5-28/30

AUTHOR: Fedotenko, M.S., Deputy Chairman

TITLE: Reporting and Election Conferences of NTO MASHPROM

PERIODICAL: Mashinostroitel', 1959, Nr 5, pp 46-47 (USSR)

ABSTRACT: This is a brief review of the activities of the NTO organizations in the past election period, their success and shortcomings discussed in the conferences. It is mentioned that by now the NTO MASHPROM has 90,000 members who are scientists, engineers and innovators of industry. The organizations were seeking new ways to spread application of latest techniques, e.g. the Sverdlovsk oblast' practices monthly conferences of foundrymen, "the foundryman's day", with demonstrations of new technology at the work place in the foundries and demonstrations of moving pictures. In the Leningrad, Khar'kov and Rostov oblast' (and others), scientists have established contacts with the plant workers, and come out to plants. Many conference delegates criticized the central and the local NTO boards for completely insufficient directions. The trade union men and plant zavkom (party committee

Card 1/2

SOV/117-59-5-28/30

Reporting and Election Conferences of NTU MASHPROM

of plant) men took similar criticism. All local NTU are preparing for the first congress of the society.

ASSOCIATION: TsPNTU MASHPROM

Card 2/2

FEDOTENKO, N.S.

The Second Congress of the Scientific Technological Society of
the Machinery Industry. Vest.mash. 42 no.4:85-86 Ap '62.
(MIRA 15:4)

1. Zamestitel' predsedatelya TSentral'nogo pravleniya Nauchno-
tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti.
(Machinery industry—Congresses)

FEDOTENKO, N.S.

Second Congress of the Scientific Technological Society of
the Machinery Industry. Stan.i instr. 33 no.6:44-45 Je '62.
(MIRA 15:7)

(Technical societies)

FEDOTENKO, N.S., inzh.

Conference on the use of ultrasonic waves in the heat treatment
of alloys. Metalloved.i term.ohr.met. no.2:54-56 F '62.

(MIRA 15:3)

(Alloys--Heat treatment) (Ultrasonic waves--Industrial applications)

PEDOTENKO, N.S.

Let us put into practice the decisions of the March Plenum of the
Central Committee of the CPSU. . Mashinostroitel' no.7:18-19 J1
'62. (MIRA 15:7)
(Agricultural machinery industry)

FEDOTENKO, N.S.

The fourth plenum of the central board of the Scientific and
Technological Society of the Machinery Industry. Mashinostroitel'
no.5:2-3 My '63. (MIRA 16:7)

(Machinery Industry—Technological innovations)

FEDOTENKO, N.S.

Toward the third congress of the Scientific and Technological
Society of the Machinery Industry. Mashinostroitel' no.9:
44 S '63. (MIRA 16:10)

(Technical societies)

FEDOTENKO, N.S.

Third Congress of the Scientific and Technological Society of
the Machinery Industry. Vest.mashinostr. 44 no.1:83-84 Ja
'64. (MIRA 17:4)

1. Zamestitel' predsedatelya TSentral'nogo pravleniya Nauchno-
tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti.

PEDOTENKO, N.S.

Results of the Second All-Union Public Survey of the Fulfillment
of Research Plans and Introduction of the Achievements of Science
and Technology in the National Economy and the tasks of the
carrying-out of the Third Public Survey. Vest. mashinostr. 44
no.6:82-85 Je '64. (MIRA 17:8)

1. Zamestitel' predsedatelya TSentral'nogo pravleniya nauchno-
tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti.

POGODIN-ALEKSEYEV, G.I., doktor tekhn. nauk, prof., otv. red.;
RAKHSHTADT, A.G., kand. tekhn. nauk, dots., nauchn. red.;
SHREYBER, G.K., kand. tekhn. nauk, dots., nauchn. red.;
BERNSHTEYN, M.L., doktor tekhn. nauk, red.; LAKHTIN, Yu.M.,
doktor tekhn. nauk, prof., red.; RUSTEM, S.L., kand. tekhn.
nauk, dots., red.; FEDOTENKO, N.S., inzh., red.

[Study of metals and their heat treatment] Metallovedenie i
termicheskaya obrabotka. Moskva, Mashinostroenie, 1964.
195 p. (MIRA 18:7)

1. Nauchno-tehnicheskoye obshchestvo mashinostroitel'noy
promyshlennosti. Sektsiya metallovedeniya i termicheskoy
obrabotki.

FEDOTENKO, N.S.

For high quality and reliability. Mashinostroitel'
no.9:3-4 S '65. (MIRA 18:12)

1. Zamestitel' predsedatelya TSentral'nogo Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti.

S/129/62/000/002/013/01⁴
E193/E383

AUTHOR: Fedotenko, N.S., Engineer

TITLE: Conference on the application of ultrasonics in
industry and in heat-treatment of alloys

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
no. 2, 1962, 54 - 56

TEXT: Organized by the Ultrasonics Department of the
central governing body of NTO Mashprom, a conference on the
industrial applications of ultrasonics was convened in Moscow
from October 11 - 13, 1961.

After an opening address by Professor, Doctor of Technical
Sciences G.I. Pogodin-Alekseyev, who outlined the possible
applications of ultrasonics in melting and heat-treatment of
alloys, 26 papers were delivered: 7 on the application of
ultrasonics in heat-treatment; 7 on the industrial application
of ultrasonics for treatment of molten metals; 7 on the
application of ultrasonics for removal of scale and non-
metallic contaminants from metals and alloys, and 5 on ultrasonic
welding and brazing of metals.

Card 1/4

S/129/62/000/002/013/014

Conference on the application E193/E383

A paper by G.V. Zemskov, R.L. Kogan, Ye.V. Smekh et al on "The problem of hardening of steel in an ultrasonic field" was read by Ye.V. Smekh.

In a paper delivered by Candidate of Physicomathematical Sciences T.Kh. Chormonov the effect of combined ultrasonic and thermal treatment on the microhardness and fine structure of metals was discussed.

In a paper delivered by Engineer A.I. Natchuk the results of work carried out under the direction of Doctor of Technical Sciences P.Ye. D'yachenko on the application of ultrasonics in electrothermal boriding of metals were reported.

The effect of ultrasonics on ageing of low-alloy carbon steels was discussed in a paper read by Candidate of Technical Sciences K.M. Pogodin-Alekseyev.

B.N. Baturin reported the results of investigation on the effect of ultrasonics on carburizing steels in a liquid medium.

A paper by Candidate of Physicomathematical Sciences I.I. Teumin (TsNIIChM) was devoted to the problem of industrial applications of ultrasonics in the treatment of molten metals.

Card 2/4

S/129/62/000/002/013/014

Conference on the application E193/E383

The results of an investigation carried out by Doctor of Technical Sciences G.I. Pogodin-Alekseyev, Engineer V.N. Gavrilov and Engineer I.D. Galushkin on the effect of ultrasonic and low-frequency vibrations on the structure and properties of beryllium bronze cast by a semi-continuous method were reported by V.N. Gavrilov.

A paper on "Microscopic study of solidification of melts in ultrasonic fields", delivered by Professor I.G. Polotskiy (Institut fiziki metallov AN UkrSSR (Institute of Physics of Metals of the AS UkrSSR)) attracted the particular attention of the audience.

A survey of the problems associated with application of ultrasonics for the cleaning of metals was presented by B.N. Lyamin. A paper by A.F. Zakatov was devoted to the design of baths for ultrasonic cleaning in active media and to the methods of de-scaling of heat-resistant alloys.

The problems of application of ultrasonics for the removal of scale and other surface contaminants from coarse and fine files was discussed by Ye.V. Smekh.

Card 3/4

Conference on the application ... S/129/62/000/002/013/014
E193/E383

The application of ultrasonics for cleaning heat-treated and brazed components prior to electroplating was discussed in a paper by V.S. Terekhov.

Papers on the application of ultrasonics in welding and brazing included the following: "Some problems of the technology of spot welding of thin sections by ultrasonics" by B.B. Zolotorev; "Electrodynamic method of producing ultrasonic vibrations in a welding bath" by L.F. Lelendin and Yu.S. Rudenko; "Application of ultrasonics in tinning, brazing, metallizing and preparation of powdered solders" by B.A. Maksimikhin; "Brazing and eliminating surface casting defects in aluminium and its alloys with the application of ultrasonics" by V.S. Terekhov.

Card 4/4

FEDOTENKO, S.A.

Device for manual cutting of reinforcements. Suggested by S.A.
Fedotenko. Rats.i izobr.predl.v stroi. no.8155 '58.
(MIRA 1313)

1. Tokar' mostopoyenda No.411 Mostotresta. Po materialam
Mostotresta Ministerstva transportnogo stroitel'stva SSSR.
(Cutting machines)

ACCESSION NR: AT4026354

S/0000/62/000/000/0181/0189

AUTHOR: Fedotenkov, A. G.; Ozerov, V. N.

TITLE: Output device of a long-term capacitance memory (DEZU) using parametrons

SOURCE: Konferentsiya po obrabotke informatsii, mashinnomu perevodu i avtomaticheskому чтению текста. Moscow, 1961. Vyčislitel'naya i informatsionnaya tekhnika (information processing and computer technology); sbornik materialov konferentsii. Moscow, 1962, 181-189

TOPIC TAGS: memory, parametron, capacitance memory, resonance, semiconductor, circuit design

ABSTRACT: The article opens with a discussion of the phenomenon of paramagnetic resonance in nonlinear systems. Ferrite semiconductor parametrons for the high and ultra high frequency bands are referred to as one of the most promising elements applicable to the development of computers. The parametron is briefly described and it is noted that, by controlling the phase, which is the information carrier, the parametron is employed in the same manner as a number of other systems with two steady states. The author discusses, in connection with the development of variable-inductance parametrons with ferrites, the use of these instruments as parametric generators with phase

Card 1/3

ACCESSION NR: AT4026354

synchronization from signals received from a long-term capacitance memory device (DEZU). The latter is described as "units with cards for the storage of information." The condition of parametric resonance is described and the problem of the choice of material is discussed. The authors found it advisable to use nickel-zinc oxifers with an initial magnetic permeability in the order of 1000 - 2000. The manufacture of the parametrons (consisting of two toroidal cores with windings and a capacitance) and the operations.. mode (both continuous excitation and with radio-pulse feed) are discussed. Investigations showed that when using oxifer-2000, the characteristics of the paramtron in pulse operation are identical to those obtained with continuous operation. In the course of the experiments different regimes or modes were developed for ferrites of different types. Data are given for a P62 parametron using oxifer-2000 cores measuring 7 x 4 x 2 mm. After the preliminary tests described above, work was conducted on a working model of a long-term capacitance memory device (DEZU), with the next problem consisting of the development of parametrons as generators with phase synchronization from the readout signals received from the memory (DEZU). It is shown that the DEZU output provides small signals which cannot be used without preliminary amplification. On the other hand, the use of parametrons at the output makes it possible, in the first place, to obtain signals at least one order greater in comparison with resonance circuits and, in the second place, to terminate the parametron output in low-ohm loads, which is impossible with resonance circuits. Further details are given.

Card: 2/3

ACCESSION NR: AT4026354

regarding possible techniques to be used in matching the parametron with the memory output and expectable performance data of such a system. Orig. art. has: 10 figures.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: IE, CP

NO REF SOV: 005

OTHER: 000

3/3

Card

USSR/Medicine - Plastic Surgery

"Treatment of Chronic Osteomyelitis by a Closed Surgical Method, Using Preserved Cartilage to Fill in the Osseous Cavity Resulting From the Operation," A. G. Fedotenkov, Contaminated Section, Surgical Clinic, Cent Inst of Hematology and Blood Transfusion

"Khirurgiya" No 12, pp 57-64

Detailed presentation of the various aspects of plastic surgery in osteomyelitis describing a recently adopted method of using preserved

239T39

cartilage in replacing the infected bone. The cartilage is obtained from the body of a deceased human and may be preserved in special soln. The use of heterogenous cartilage is still in its exptl stage. This article is supported by photographs, demonstrating the efficiency of this method of plastic surgery. The preservative soln consists of saccharose (40g), glucose (25g), NaCl (0.5g), sodium sulfacyl (1g), nifathiazole (1g), and rivanol (0.006g) in 500 cc of distilled water.

239T39

FEDOTENKOV, A. G.

FEDOTENKOV, A. G. and BOLOTNIKOVA, F. I.

"A Study of the Action of Anticytolysin (Antihistamine) Substances on Molds During Tissue Preservation," by A. G. Fedotenkov and F. I. Bolotnikova, Central Order of Lenin Institute of Hematology and Blood Transfusion (director, A. A. Bagdasatov, Corresponding Member, Academy of Medical Sciences USSR), Ministry of Health USSR, Problemy Gematologii i Perelivaniya Krovi, Vol 1, No 5, Sep/Oct 56, pp 55-56

Diprozine and ethizine (white crystalline powders used intravenously for therapeutic purposes) are useful preservatives for skin, bone, cartilage, nerve, endocrine glands, etc. Diprozine and ethizine in concentrations of 1 g/ 1,000 ml down to 0.4 g/ 1,000 ml are active in depressing mold growth (Aspergillus, Mucor, and Penicillium) but the best concentration is 1 g/ 1,000 ml.

Sum 1258

FEDOTENKOV A. G.
SOCIETE MEDICA Sec 9 Vol 13/8 Survey August 59

4109. (1059) A MASS ORGANIZATION OF CATTLE CARTILAGE PROVISION AND
STORAGE FOR USE IN PLASTIC SURGERY (Russian text) - Fedotenkov

Arct. - VESTN. KHIR. 1958, 81/10 (64-67)
The difficulty encountered in storage of human cadaver cartilage induced the author
to use animal cartilage. In 20 patients with chronic osteomyelitis treated surgical-
ly the resultant bone cavity was filled with heterogenous cartilage. This policy was
followed by results as good as those with the use of homogenous cartilage. This led
to the elaboration of a method for securing a mass provision of cattle cartilage and
for organizing adequate long-lasting storage. These measures are described in de-
(IX, 19)

Cent. Ol Instn Blood Transfusion
Hematology &

FEDOTENKOV, A.G.; MEFEDOVA, N.A.; DISHKANT, I.P.

Preparation and preservation of bone marrow. Probl. gemat i perel.
krovi 6 no.2:46-49 '61. (MIRA 14:2)
(MARROW—TRANSPLANTATION)

FEDOTENKOV, A.G.; DANILOVA, L.A.; POPOVA, L.D.

Study of the histological changes in cadaver skin during the process of its preservation in solutions. Probl.gemat.i perel. krovi no.7:44-47 '62. (MIRA 15:9)

1. Iz Tsentral'nogo ordena Lenina Instituta hematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSR.
(SKIN GRAFTING) (CADAVERS) (TISSUES—PRESERVATION)

FEDOTENKOV, A.G.; DANILOVA, L.A.; DISHKANT, I.P.

Preservation of the skin by freeze-drying technic. Prohl.gemat.
1 perel.krovi no.9245-48 '62. (MIRA 15:12)

1. Iz TSentral'nogo ordena Lenina instituta hematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSR.

(TISSUES--PRESERVATION) (SKIN GRAFTING)

PEDOTENKOV, A.G.; SHISHKINA, I.D.; LEVITSKAYA, L.A.

Freezing of bone marrow for its preservation at low temperature
Report no.1. Probl. gemat. i perel. krovi 8 no.5:16-22 My'63.

(MIRA 16:7)

1. Iz Tsentral'nogo ordena Lenina instituta hematologii i
perelivaniya krovi (direktor - dotsent A.Ye.Kiselev) i Nauchno-
issledovatel'skogo instituta eksperimental'noy khirurgicheskoy
apparatury i instrumentov. (direktor M.G.Anan'yev).

(TISSUES—PRESERVATION) (MARROW)

PEDOTENKOV, A.G.; DANILOVA, L.A.; NEFEDOVA, N.A.; DISHKANT, I.P.

Preservation of bone marrow in a plastic container. Probl. gemat.
i perel. krovi 9 no.1:35-40 Ja '64.

(MIRA 18:1)

1. Iz laboratori konservirovaniya tkaney (zav. - A.G. Fedotenkov)
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (direktor - dotsent A.Ye. Kiselev).

DISHKANT, I.P.; FEDOTENKOV, A.G.; SUKYASYAN, G.V.

Closed method of collecting bone marrow from donors and patients.
Probl. gamat. i perel. krovi 9 no.11:35-38 N '64. (MIRA 18:4)

1. TSentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir. - dotsent A.Ye. Kiselev), Moskva.

~~FEDUTENAOV, N.P.~~
~~FEDUTENAOV, N.P.~~
FEDUTENAOV, N.P.

Dissertation defended for the degree of Candidate of Economic Sciences
at the Institute of Economics

"Economic Transformations at the First Stage of the Socialist Revolution
in Poland."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

orig. checked
~~copy~~

NARKEVICH, O., starshiy nauchnyy sotrudnik; FEDOTENKOV, Yu., inzh.-tekhnolog;
KLIMOV, V. (g.Yessentuki)

Self-service is improving. Obshchestv.pit. no.4:27-29 Ap '61.
(MIRA 14:3)

1. Nauchno-issledovatel'skiy institut torgovli i obshchestvennogo
pitaniya (for Narkevich). 2. Upravleniya obshchestvennogo pitaniya
Ministerstva torgovli USSR (for Fedotenkov).
(Restaurants, lunchrooms, etc.)

MURATOV, V.N.

The article of A.N. Snarskii, N.D. Fedotenkova and S.T. Zelizna
on the "Formation of veinoxocerites" (from "Sovetskaia geologija"
no.47, 1955), Géol. nefti 1 no.4:71-3 of cover Ap '57. (MLRA 10:8)
(Oxocerites)

(Snarskii, A.N.) (Fedotenkova, N.D.) (Zelizna, S.T.)

~~YEDOTENKOKA... OLL...~~

Fulfill the five-year plan in 4 years. Sov.profsoiuzy 4 no.8:47-49
Ag '56. (MLRA 9:10)

1. Gruppoevy organizater professional'nye soyusa pervege otdeleniya
sada-sovkhoza no.1.
(Kuibyshev Province--State farms)

PEDOTENOK, A.A., kandidat tekhnicheskikh nauk, dotsent.

Kinematic structure of machine tools. Issl. v obl. metallloresh.
stan. no.3:7-47 '55. (MLRA 10:2)

(Machinery, Kinematics of)
(Machine tools)

PRDOTEHOK, A. A., kandidat tekhnicheskikh nauk, dotsent; IGNAT'YEV, N. V.,
kandidat tekhnicheskikh nauk, dotsent; SUVOROV, A. I., kandidat
tekhnicheskikh nauk, dotsent.

New method of grinding internal-toothed cylindrical wheels.
Issl. v obl. metallocresh.stan. no.3:179-186 '55. (MLRA 10:2)

(Gear cutting)

HALCHAN, Ashot Gedsonovich; YUDOVICH, A.A., kandidat tekhnicheskikh nauk,
retsensent; YERSHOV, A.I., inzhener, retsensent; OLIZAROV, P.V.,
inzhener, redaktor; BALANDIN, A.F., inzhener, redaktor izdatel'stva;
MODEL', B.O., tekhnicheskiy redaktor; TIKHONOV, A.Ya., tekhniches-
kiy redaktor

[Machine tools] Metallroreshchushchie stanki. Mos'va, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, 1956. 664 p. (MLRA 9:11)
(Machine tools)

FEDOTENOK, ALEKSEY ANTONOVICH

ANAN'IN, Sergey Grigor'yevich, professor; ACHERKAN, Naum Samoylovich, professor, doktor tehnicheskikh nauk; BOGUSLAVSKIY, Boris Lvovich, professor; VERNAKOV, Vladimir Viktorovich, dotsent; IGNAT'EV, Nikolay Vasil'yevich, dotsent; KUDRIASHOV, Aleksandr Alekseyevich, dotsent; PUSH, Valentin Ervinovich, dotsent; FEDOTENOK, Aleksandr Antonovich, dotsent; KHRYKOV, Aleksandr Nikolayevich, dotsent; HOSTROVTSIV, I.A., inzhener, retsenzenter; SOKOLOVA, T.F., tekhnichesklyy redakte

[Machine tools] Metallroreshushchie stanki. Izd red. N.S. Acherkann. Moskva, Gos. nauchno-tehn. izd-vo mashinostroit. lit-ry, 1957. 1015 p.

(MLRA 10:6)

(Machine tools)

FEDOTENOK, A.A.

PTITSYN, Gennadiy Anatol'yevich; KOKICHEV, Valentin Nikolayevich; FEDOTENOK,
A.A., kand.tekhn.nauk, dotsent, retsenzent; SHAVLYUGA, N.I., kand.
tekhn.nauk, dotsent, red.; BORODULINA, I.A., red.isdatel'stva;
SPERANSKAYA, O.V., tekhn.red.

[Gear-cutting machines; a handbook] Zuboreznye stanki; spravochnoe
posobie. Izd.2-e, dop.i perer. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1957. 448 p. (MIRA 11:1)
(Gear-cutting machines)

FEDOTENOK, H.H.

ACHERKAN, N.S.; YERMAKOV, V.V.; IGNAT'YEV, N.V.; KAUFMAN, L.M.; PUSH, V.E.;
FEDOTENOK, A.A.; KHARIZOMENOV, I.V.; KHRYKOZ, A.N.; VLASKIN, P.S.;
kandidat tekhnicheskikh nauk, dozent; GANDLER, A.V.; kandidat
tekhnicheskikh nauk, dotsent; ALIEKSEYEV, P.G., kandidat tekhnicheskikh nauk.

"Machine tools" by V.A.Bravichev and others. Reviewed by N.S.
Acherkan and others. Vest.nash. 37 no.5:87-91 My '57. (MLRA 10:5)

1.Kafedra "Metalloreshushchiye stanki" Moskovskogo stankoinstrumental'nogo instituta (Acherkan, Yermakov, Ignat'yev, Kaufman, Push,
Fedotenok, Kharizomenov, Khrykoz)
(Machine tools)

FEDOTENOK, A.A., kand.tekhn.nauk, dots.

Comparative analysis of the kinematic structure of some metal-cutting machines. Izv.vys.ucheb.zav.; mashinostr. no.6:133-149 '58. (MIRA 12:8)

1. Moskovskiy stankoinstrumental'nyy institut im. Stalina.
(Machine tools)

FEDOTENOK, A.A., kand.tekhn.nauk; YEVSTEGNEYEV, Yu.A., kand.tekhn.nauk,
retsensent; ASHERKAN, N.S., prof., doktor tekhn.nauk, red.;
CHERNOVA, Z.I., tekhn.red.

[Kinematic couplings in machine tools] Kinematicheskie sviazi
v metallorezhushchikh stankakh. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1960. 298 p. (MIRA 13:5)
(Machine tools) (Machinery, Kinematics of)

PHASE I BOOK EXPLOITATION SOV/4191

Fedotenok, A.A., Candidate of Technical Sciences

Kinematicheskiye svyazi v metallorezhushchikh stankakh (Kinematic Couplings In Metal-Cutting Machine Tools). Moscow, Mashgiz, 1960. 299 p. Errata slip inserted. 8,000 copies printed.

Reviewer: Yu. A. Yevstegneyev, Candidate of Technical Sciences; Ed.: N.S. Acherkan, Professor, Doctor of Technical Sciences; Managing Ed. for Literature on Metal Working and Tool Making: V.V. Rzhavinskiy, Engineer; Tech. Ed.: A.I. Chernova.

PURPOSE: This book is intended for engineers and technicians. It can also be used by students at machine-building vuzes.

COVERAGE: The book gives a systematic exposition of the method of analyzing the kinematic structure of metal-cutting machine tools consisting of both mechanical and nonmechanical - hydraulic, pneumatic, electrical - couplings. The general theoretical aspects of the method make it possible to reduce the kinematic system of a machine tool of any complexity to one of the few basic systems.

Card 1/4

Kinematic Couplings In Metal-Cutting Machine Tools SOV/4191

A comparative analysis is made of the kinematic systems of a number of Soviet and foreign metal-cutting machine tools. The author mentions the work of G.M. Golovin in this field. There are 12 Soviet references.

TABLE OF CONTENTS:

Introduction	3
I. Geometric Realization of Surfaces	5
II. Classification of Motions in Machine Tools	17
III. Structure of a Kinematic Group	30
IV. Kinematic Structure of Machine Tools With Mechanical Kinematic Couplings	53
1. General aspects	53
2. General method of analyzing the structure of metal-cutting machine tools and the kinematic adjustment of machine tools	72

Card 2/4

KUCHER, Aleksandr Mikhaylovich, kand. tekhn. nauk; KIVATITSKIY,
Mikhail Moiseyevich; POKROVSKIY, Antoniy Aleksandrovich;
FEDOTENOK, A.A., doktor tekhn. nauk, retsenzent; TSYPKIN,
M.Ye., inzh., retsenzent; SHAVLYUGA, N.I., kand. tekhn.
nauk, red.; VARKOVETSKAYA, A.I., red. izd-va; LEYKINA,
T.L., red. izd-va; KUREPINA, G.N., red. izd-va; SHCHETININA,
L.V., tekhn. red.

[Machine tools; album of general design; kinematic diagrams
and units] Metallorezashchische stanki; al'bom obshchikh vi-
dov, kinematischeskikh skhem i uzlov. Pod obshchei red. A.M.
Kuchera. Moskva, Mashgiz, 1963. 282 p. (MIRA 16:7)
(Machine tools--Design and construction)

RABKIN, A.L.; FEDOTENOK, A.A., prof., retsentent; VLADIMIROV, V.M.,
Inzh., red.

[Relieving machine tools] Zatylovochnye stanki. Moskva,
Mashinostroenie, 1964. 148 p. (MIRA 17:12)

ACHERKAN, Naum Samoylovich, zasl. deyatel' nauki i tekhniki RSFSR,
doktor tekhn. nauk, prof.; GAVRYUSHIN, A.A.; YERMAKOV, V.V.;
IGNAT'YEV, N.V.; KAKOYLO, A.A.; KUDINOV, V.A.; KUDRYASHOV,
A.A.; LISITSYN, N.M.; MIKHEYEV, Yu.Ye.; PUSHKAR',¹² A.A.; TROFIMOV,
O.N.; FEDOTENOK, A.A.; KHOMYAKOV, V.S.; ABANKIN, V.I., inzh.,
retsenzenter

[Metal-cutting machines in two volumes] Metallorezrushchie
stanki. [v dvukh tomakh]. Pod red. N.S.Acherkana. Moskva,
Mashinostroenie. Vol.2. 2. perer. izd. 1965. 628 p.
(MIRA 18:12)

ACHERKAN, N.S., doktor tekhn. nauk, prof., zasl. deyatel' nauki i tekhniki RSFSR; GAVRYUSHIN, A.A., kand. tekhn. nauk; YERMAKOV, V.V., kand. tekhn. nauk, dots.; IGNAT'YEV, N.V., kand. tekhn. nauk, dots.; KAKOYLO, A.A., inzh.; KUDINOV, V.A., kand. tekhn. nauk; KUDRYASHOV, A.A., kand. tekhn.nauk, dots.; LISITSYN, N.M., kand. tekhn. nauk, dots.; MIKHEYEV, Yu.Ye., dots.; PUSH, V.E., doktor tekhn. nauk, prof.; TRIFONOV, O.N., kand. tekhn. nauk, dots.; FEDOTENOK, A.A., doktor tekhn. nauk, prof.; KHOMYAKOV, V.S., kand. tekhn. nauk; ABANKIN, V.I., inzh., retsenzent

[Metal cutting machines] Metallorezhhushchie stanki. Moskva, Mashinostroenie. Vol.1. 1965. 764 p. (MIRA 18:10)

FEDOEV, N. P. (Leningrad technological institute Lensovet)

"Research works on the physico-mechanical properties of electrolytic deposits of copper, nickel, chrome, zinc and cadmium". Noted that such properties of deposits as magnitude of internal stresses, hardness, durability, electric resistance and others, frequently depend on their crystal structure, thickness, conditions of electrolysis, rN electrolyte, presence of hydrogen in the deposit. Also every metal has its own peculiarities. There was attempted a generalization of causes, influencing the physico-mechanical properties of electroprecipitated metals.

Report presented at the Intervus Conference on Electrodeposition of Nonferrous Metals, Ural Polytechnical Institute in S. M. Kirov, Sverdlovsk, held from 27-30 May 1963.

(Reported in Tsvetnyye Metally, No. 10, 1963, pp. 82-94)
JPRS 24,651 19 May 64

25(1)

PHASE I BOOK EXPLOITATION

SOV/1348

Fedotikov, Aleksandr Petrovich

Kratkiy spravochnik tekhnologa-mashinostroitelya (Brief Handbook for the Machine-building Technologist) Moscow, Oborongiz, 1957.
25,000 copies printed.

Ed.: Yevstigneyeva, I.V.; Tech. Ed.: Tarakanova, I.I.

PURPOSE: This book is intended for engineers and technicians in airplane and machine-building plants. It may also be used by students of vuzes and technical colleges.

COVERAGE: This pocket-sized handbook presents basic facts and information on Soviet engineering standards, processes, and materials. The first chapters contain lists of technical abbreviations, symbols, and drafting standards. There are trigonometric, logarithmic, and conversion tables as well as fundamental mathematical formulas. The author presents the principles of mechanics and the fundamentals of physics. Several chapters

Card 1/5

Brief Handbook for the Machine Building (Cont.) SOV/1348

are devoted to standard Soviet steels and alloys. Principles of tolerances and allowances are explained. Machine and thread-cutting operations are discussed, followed by chapters on welding and the thermal treatment of metals. There are numerous illustrations and diagrams. No personalities are mentioned and there are no references.

TABLE OF CONTENTS:

The Greek Alphabet	6
Size of Drawings; Scales	7
Symbols for Some General Technological Quantities	8
Abbreviations for Units of Measurement	9
Meaning of Prefixes to Units of the Metric System	10
Nomograms of Fractional Powers of Numbers	Insert
Table of Trigonometric Functions	11
Some Numerical Values	11
Powers, Roots, Natural Logarithms, Circumferences and Areas of Circles	12
Comparison of Various Units of Measurement	17

Card 2/5

Brief Handbook for the Machine (Cont.) SOV/1348

Formulas for Temperature Conversion	18
Mechanical Thermal Equivalent of Heat	18
Thermal Equivalent of Work	18
Interrelations of Various Units of Force	18
Interrelations of Units of Work	19
Interrelations of Units of Power	20
Equivalents of Various Units of Power	21
Interrelations of Units of Pressure	22
Relation Between Practical and Absolute Units of Measure	
of Electric and Magnetic Quantities	23
Conversion of Anglo-American Units to Metric Units	24
International Electric Units	29
Some Physical Constants	31
Chemical Symbols and Specific Gravity of the Most Important Elements	32
Specific Gravity of Some Materials	34
Designation of Heat-resistant and Stainless Steels	35
Materials and Their Mechanical Properties	36
Basic Mechanical Properties of MAI, MAB, VM65-1 Alloys	47
Mechanical Properties of Magnesium Alloy Rolled Stock	48

Card 3/5

Brief Handbook for the Machine (Cont.) SOV/1348

Coefficient of Linear Expansion of Some Alloys	49
Physical and Mechanical Properties of Cemented Carbides	50
Hardness Scale of Abrasive Tools	51
Hardness Scale of Steels	52
Standard Diameters and Lengths	61
Minimum Bending Radii of Sheet Metal	62
Minimum Bending Radii of Steel and Duralumin Tubing	64
Mating Radii, Chamfers and Tolerances	65
Standard Machining Diameters	66
Allowances and Tolerances Between Machining Operations	67
Tolerances and Fits	93
Tolerances for Drop Forgings	120
Tolerances for Steel Castings	124
Ball- and Roller Bearings. Fits	126
Nonspecified Tolerances	129
Tolerance for Nonferrous Castings	140
Vanish Threads and Thread Relief	148
Wrench Openings and Nut Sizes	153
60° Countersunk Centering Holes	155
Knurling	157
Metric Threads	160

Card 4/5

Brief Handbook for the Machine Building (Cont.) SOV/1348

Reinforced Metric Threads	164
Formulas for Basic Machining Time and Tool Life in Thread Cutting	176
Formulas for Calculating Cutting Speeds, Torque and Power in Thread Cutting	178
Reinforced Metric Threads With Tight Fit	178
Metric Threads With Close Fit	180
Metric Threads With Loose Fit	184
Stamping With Rubber [Guerin Process]	186
Coefficient of Cutting Speed in Turning and Drilling Metals	188
Inert Gas Shield Arc Welding	199
Heat Treatment of Steels	203
General Characteristic of Basic Types of Thermo-chemical Treatments of Steel	230
Tapers	242
Surface Roughness of Machine Parts	250
AVAILABLE: Library of Congress (TJ 151.F4)	252

Card 5/5

OO/rj
4-2-59

FEDOTIKOV, Aleksandr Petrovich; TARASHEVICH, R.M., dotsent, retsenxent;
CHANTSEV, M.V., inzh., red.; BOGOMOLOVA, M.F., isd.red.;
PUKHLIKOVA, N.A., tekhn.red.

[Brief handbook for mechanical engineers] Kratkii spravochnik
tekhnologa-mashinostroiteelia. Izd.2., perer. Moskva, Gos.
nauchno-tekhn.izd-vo Oborongiz, 1960. 401 p.

(MIRA 14:3)

(Mechanical engineering)

MEDOTINA, A. (Dneprodzerzhinsk)

The honor is high but the obligations are heavy. Izobr. i rats.
no.3:10-12 Mr '61. (MIRA 14:3)

1. Starshiy inzhener Byuro sodeystviya ratsionalizatsii i
izobretatel'stu Dneprodzerzhinskogo koksokhimicheskogo zavoda,
g. Dneprodzerzhinsk.
(Dneprodzerzhinsk—Coke industry—Technological innovations)

GOL'DIN, M.; BRODSKIY, V.; YEDOTINA, V.

Microspectrophotometry of protein inclusions in plant cells, Zhur.
ob.biol. 17 no.5:393-395 8-0 '56. (MIRA 9:12)

1. Institut mikrobiologii Akademii nauk SSSR, Institut morfologii
zhivotnykh imeni A.N.Severtsova Akademii nauk SSSR.
(PLANT CELLS AND TISSUES) (NUCLEOPROTEINS)
(SPECTROPHOTOMETRY) (FLUORESCENCE MICROSCOPY)

FEDOTINA, V. L.

USSR / Virology - Plant Viruses.

E

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38186.

Author : Goldin, M. I., Fedotina, V. L.

Inst : Not given.

Title : Distribution of Protein (Virus) Inclusions in Different Cactus Species.

Orig Pub: Byul. Gl. botan. sada. AN SSR, 1956, No 26, 80-84.

Abstract: From these authors' data, the character of cactus mosaic, formerly described by other investigators, is not related to protein virus inclusions. As a result of investigating 65 cactus species, related to 13 different families, protein inclusions were found for the first time in the following 6 species: Echinocereus procumbens (individual threads, collected in a cluster); Phyllocactus

Card 1/2

40

Incl microscop
AS USSR

USSR / Virology - Plant Viruses.

E

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38186.

Abstract: oxypetalus (thin threads, or wider ones through the whole cell-length; ring-like or loop-like inclusions are found); Cereus peruvianus (spindles, composed of loose threads); Cereus Bonplandii (spindles composed of thread clusters); Echinopsis nigerrima (spindles composed of short, wide clusters of loose threads); Pereskia undulata (thin spindles). Tabular data are given on physico-chemical characteristics of virus inclusions in cactus (crystalline and X-bodies), and their differentiation from non-virus crystalline inclusions. Five drawings and photographs.

Card 2/2

GOL'DIN, M.; PEDOTINA, V.

Electron microscope ixamination of Impatiens balsamina tissues for
virus-like particles. Dokl. AN SSSR 108 no.5:953-954 Je '56.
(MIRA 9:10)

1, Otdel virusov rasteniy Instituta mikrobiologii Akademii nauk
SSSR. Predstavлено akademikom V.N. Shaposhnikovym.
(BALSAM) (VIRUSES)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

Inst. Radiobiology, Acad. Sci. USSR

FEDOTINA, V.I.

Detection of tobacco mosaic virus in the xylem by the ultrathin sectioning method. Tzv. AN SSSR. Ser. biol. no.4:601-605 J1-4g '64.
(MIRA 17:10)

1. Institut mikrobiologii AN SSSR.

OKSENT'YAN, U.G.; FEDOTINA, V.L.; ROBYSHEVA, Z.N.

Change in the properties of *Pseudomonas fluorescens* under the influence of plants. Agrobiologiya no.1:56-62 Ja-F '65. (MIRA 18:4)

1. Moskovskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennoy mikrobiologii.

AUTHORS: Kurnosov, K. P., Fedotina, Z. Kh. Razumovskiy, S. D., Khanukayeva, Yu. I. SOV/64-58-6-2/15

TITLE: The Pyrolysis of Light Distillate Oil (piroliz gazovogo benzina)
Study of Pyrolysis Under Laboratory Conditions (Izuchenie
piroliza v laboratornykh usloviyakh)

PERIODICAL: Khimicheskaya promyshlennost', 1958, Nr 6, pp 330-332 (USSR)

ABSTRACT: In connection with the realization of the plan to step up the development of the chemical industry also the demand for ethylene is going to rise rapidly so that it will become necessary to find new sources of raw materials. The use of liquefied gas obtained from natural gas is of interest from this point of view. Due to the few references obtainable the present analyses were carried out only on a laboratory scale. Liquefied gas obtained from Tuymazinsk was used in the process. The distillation was carried out in a Pobilynyakh column. A schematic drawing of the laboratory unit used for the pyrolysis is given. The complete analysis of the gas obtained by pyrolysis was performed by means of the

Card 1/2

The Pyrolysis of Light Distillate Oil
Study of Pyrolysis Under Laboratory Conditions

SOV/64-58-6-2/15

apparatus at TsiATIM and the analysis of the unsaturated compounds and hydrogen by means of the apparatus at VTI. It is pointed out that no far-reaching decomposition of the gasoline is achieved by the pyrolysis of liquefied gas at temperatures below 800°. A lengthening of the contact time does not result in an increase of the ethylene yield. A comparison of the results obtained proves that the ethylene yield is increased when the contact time is shortened while temperature is increased. Moreover, as a consequence of higher temperature, more acetylene is obtained, which again can be turned into ethylene by hydration. Tests in the presence of steam proved that the total amount of coke, resins, and losses is somewhat lower than in the pyrolysis performed in the absence of steam. According to the authors, optimum conditions are: a temperature of 825-835°, a maximum contact time of 1 second, and a dilution with steam to the extent of 10-15 per cent by weight. There are 5 figures, 1 table, and 1 reference, 1 of which is Soviet.

Card 2/2

DATA SOURCE: SD. Aspirantskikh rabot. Kazansk. un-t. Matem.,
mokhan., fiz. Kazan', 1964, 149-155

TOPIC TAGS: Interference reduction, optimal receiver, statistical analysis

ABSTRACT: To estimate the optimality of a receiver in a system with interference immunity, the author proposed a method

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272

L 10537-66 EWT(d)/FSS-2
ACC NR: AR5018763

SOURCE CODE: UR/0274/65/000/007/A009/A009

SOURCE: Ref. zh. Radiotekhnika i elektronika. Svodnyy tom, Abs. 7A63

AUTHOR: Fedotkin, A. N.

4/5
B

TITLE: Optimal reception of random-duration signals

CITED SOURCE: Uch. zap. Mordovsk. un-ta, vyp. 36, 1964, 88-92

TOPIC TAGS: radio communication, ⁵⁵ radio reception,
signal reception, pulse amplitude, signal recording

TRANSLATION: An optimal method is considered of receiving signals whose random duration is a multiple of the interval Δt ; also, the quality of such an optimal receiver is appraised. Starting from a definite instant, observation is conducted over a sequence of intervals until the decision about absence of the signal within the $(l\Delta t - (l-1)\Delta t)$ interval is made. Thereupon, the number of intervals during which the signal has been continuously observed is counted, and

Card 1/2

UDC: 621.391.17

L 10537-66
ACC NR: AR5018763

the decision about the signal duration is passed. A general formula describing the receiver structure is developed on the basis of a known pulse amplitude and a known distribution of amplitude values. The average risk is selected as an estimator, and the average-risk minimum, as an optimality criterion:

$$\lambda(v) > \frac{e_0 + \sum_{k=1}^l (1-p_k)}{\sum_{k=1}^N p_k} \cdot \frac{C_{11}^{(0)} - C_{00}^{(0)}}{C_{10}^{(0)} - C_{01}^{(0)}} = k_i \quad \text{then: } \delta_L(y_1/v) = 1, \delta_L(y_0/v) = 0, \\ \lambda(v) < k_i, \quad \delta_L(y_1/v) = 0, \delta_L(y_0/v) = 1.$$

The total risk, in receiving arbitrary-duration signals, is found by calculating the probabilities of correct and false decisions in the processing of input data according to an optimal rule. Bib 1.

SUB CODE: 17

Card 2/2 (a)

FEDOTKIN, D.V. (Leningrad V-26, V.O., Bol'shoy prospekt, d.60b, kv.12)

Resection of the esophagus for cancer, with intrathoracic anastomosis, in a patient having had a previous gastrectomy. Grud.khir. 4 no.6:100-101 N-D'62. (MIRA 16:10)
(ESOPHAGUS—CANCER)

FEDOTKIN, D.V. (Leningrad, V.O., Bol'shoy pr., d. 60-b, kv.12)

Preservation of the blood supply of the stomach in the formation of a high intrathoracic esophage-gastric anastomosis.
Vestn. khir. Grekov. 90 no.4:18-22 Ap'63 (MIRA 17:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.A. Rusanov) Leningradskogo pediatriceskogo meditsinskogo instituta.

FEDOTKIN, D.V. (Leningrad, V.O., Bol'shoy pr., d. 62 kv.12)

Mechanism of jaundice arising following intrathoracic esophagogastro-anastomosis. Vest. khir. 91 no.7:23-25 Jl'63
(MIRA 16:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.A.Rusanov) Leningradskogo pediatricheskogo meditsinskogo instituta.

GORBASHKO, A.I. (Leningrad, Novocherkasskiy prospekt, 25, kv.48); ROGOZOV, L.I.;
FEDOTKIN, D.V.

Topography of the principal vessels of the stomach and their significance in surgery. Vest. khir. 92 no.3:49-55 Mr '64.

(MIRA 17:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.A.Rusanov)
Leningradskogo pediatriceskogo meditsinskogo instituta i ob'yedinennoy
bol'nitsy imeni Kuybysheva (glavnnyy vrach - Ye.V.Mamysheva).

Received by

ALEKSANDROV, A.; ATAMALYAN, E.; BYCHKOV, V.; DRUZHKOVA, L.; YELYUTINA, K.; ZAKHAROVA, L.; KOCHETOV, V.; RADYUKIN, M.; SPITORSKIY, V.; FEDOTKIN, I.; POLIMONOV, L.; TSIMBULOV, G.; SHEDOYAN, R.; SHAGIN, M.

Letter to the editor. Neft.khaz. 33 no.6:92 D 155. (MIRA 9:8)
(Oil well drilling--Equipment and supplies)

FEDOTKIN, I.M., inzh.; TOBILEVICH, N.Yu., kand.tekhn.nauk, dotsent.

Heat exchange in the downward motion of a liquid in the boiler pipes
of vertical evaporators and evaporating apparatus. Izv. vys. ucheb.
zav.; energ. 4 no.11:70-76 N '61. (MIRA 14:12)

I. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
Predstavlena kafedroy teploenergetiki.
(Heat--Transmission) (Evaporating appliances)

TOBILEVICH, N.Yu.; FEDOTKIN, I.M.

The once-through system of the operation of industrial evaporating apparatuses. Trudy KTIFF no.24:82-89 '61. (MIRA 15:6)
(Sugar manufacture) (Evaporating appliances)

TOBILEVICH, N.Yu.; FEDOTKIN, I.M.

Investigating the performance of industrial evaporating apparatuses. Trudy KTIPP no.24:90-96 '61. (MIRA 15:6)
(Evaporating appliances--Testing) (Sugar manufacture)